RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/511,621_

Source: _PCT_

Date Processed by STIC: _10-26-04_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

   http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submissi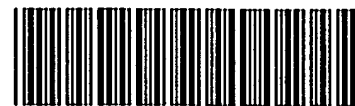on for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

PCT

RAW SEQUENCE LISTING	DATE: 10/26/2004
PATENT APPLICATION: **US/10/511,621**	TIME: 17:46:22

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\10262004\J511621.raw**

```
  3 <110> APPLICANT: BASF Plant Science GmbH
  5 <120> TITLE OF INVENTION: Method for Producing Multiple Unsaturated
  6       Fatty Acids in Plants
  8 <130> FILE REFERENCE: 2002/271
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/511,621
C--> 11 <141> CURRENT FILING DATE: 2004-10-19
E--> 13 <160> NUMBER OF SEQ ID NOS: 64    found53
  15 <170> SOFTWARE: PatentIn Vers. 2.0
```

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed
(pg.1-7)

<210> 53
<211> 257
<212> DNA
<213> Artificial sequence

<220>
<223> Polylinker-terminator-polylinker

<400> 53
agatctgccg gcatcgatcc cgggccatgg cctgctttaa tgagatatgc gagacgccta 60

tgatcgcatg atatttgctt tcaattctgt tgtgcacgtt gtaaaaaacc tgagcatgtg 120

tagctcagat ccttaccgcc ggtttcggtt cattctaatg aatatatcac ccgttactat 180

cgtattttta tgaataatat tctccgttca atttactgat tgtccgtcga cgaattcgag 240

ctcggcgcgc caagctt   257

```
<210> 44
<211> 290
<212> PRT
<213> Unknown
<220>
<223>
<400> 44
```

← pls insert

↑ Mandatory, if <213> response

is artificial / Unknown

please explain source of

genetic material in section

<220> - <223>. Pls see

↑ error explanation on page 4.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/26/2004
PATENT APPLICATION: US/10/511,621   TIME: 17:46:24

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\10262004\J511621.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

```
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```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/26/2004
PATENT APPLICATION: US/10/511,621   TIME: 17:46:24

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\10262004\J511621.raw**

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Seq#:8; Line(s) 716,717,718,719,720,721,722,723,724,725,726,727,728,729,730
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<u>Use of <220> Feature(NEW RULES):</u> *Error Explanation &*
Sequence(s) are missing the <220> Feature and associated headings.
Use of <u><220></u> to <u><223></u> is **MANDATORY** if <u><213></u> <u>ORGANISM</u> is "Artificial <u>Sequence</u>"
or "<u>Unknown</u>". <u>Please explain source</u> of genetic material in <u><220> to <223></u>
<u>section</u> (See "<u>Federal Register</u>," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:44,45,47,48,49

VERIFICATION SUMMARY   DATE: 10/26/2004
PATENT APPLICATION: US/10/511,621   TIME: 17:46:24

                Input Set : A:\PTO.FG.txt
                Output Set: N:\CRF4\10262004\J511621.raw

```
L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2324 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:21
L:2919 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:27
L:6822 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6826 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6830 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6834 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6838 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6842 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6846 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6850 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6854 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6858 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6862 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6866 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6870 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6874 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6878 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6882 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6886 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6890 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6894 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6898 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6902 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6906 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6910 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6914 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6918 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6922 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6926 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6930 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6934 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6938 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6942 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6946 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6950 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6954 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:43
L:6980 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:44, <213>
ORGANISM:Unknown
L:6980 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:44, <213>
ORGANISM:Unknown
L:6980 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:44,Line#:6980
L:7044 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:45, <213>
ORGANISM:Unknown
L:7044 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:45, <213>
ORGANISM:Unknown
L:7044 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:45,Line#:7044
L:7659 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7663 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7667 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7671 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
```

VERIFICATION SUMMARY   DATE: 10/26/2004
PATENT APPLICATION: US/10/511,621   TIME: 17:46:24

Input Set : **A:\PTO.FG.txt**
Output Set: **N:\CRF4\10262004\J511621.raw**

L:7675 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
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L:7687 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7691 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7695 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7699 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7703 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7707 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7711 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:46
L:7967 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:47, <213>
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L:7967 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:47,Line#:7967
L:8031 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:48, <213>
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ORGANISM:Unknown
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L:8137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:49, <213>
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L:8137 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:49, <213>
ORGANISM:Unknown
L:8137 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:49,Line#:8137
L:13 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (64) Counted (53)